

CONTENTS OF VOLUME 26B

Number 1

J. D. Goodridge	1 Urban bias influences on long-term California air temperature trends
Chow Shu Djen	9 The urban climate of Shanghai
P. E. Todhunter, Fang Xu and J. M. Buttle	17 A model of net radiation over suburban snowpacks
A. Longhetto, L. Giacomelli, C. Giraud and G. Zaramella	29 A study of correlation among solar energy, atmospheric turbidity and pollutants in urban area
I. Uno, S. Wakamatsu, H. Ueda and A. Nakamura	45 Observed structure of the nocturnal urban boundary layer and its evolution into a convective mixed layer
D. Asimakopoulos, D. Deligiorgi, C. Drakopoulos, C. Helmis, K. Kokkori, D. Lalas, D. Sikiotis and C. Varotsos	59 An experimental study of nighttime air-pollutant transport over complex terrain in Athens
P. S. Prakasa Rao, L. T. Khemani, G. A. Momin, P. D. Safai and A. G. Pillai	73 Measurements of wet and dry deposition at an urban location in India
R. Westerholm, J. Almén, Hang Li, U. Rannug and Å. Rosén	79 Exhaust emissions from gasoline-fuelled light duty vehicles operated in different driving conditions: a chemical and biological characterization
J. Pandey, M. Agrawal, N. Khanam, D. Narayan and D. N. Rao	91 Air pollutant concentrations in Varanasi, India
R. W. Simpson	99 A statistical analysis of particulate data sets in Brisbane, Australia
E. Hernández, F. Martín and F. Valero	107 Statistical forecast models for daily air particulate iron and lead concentrations for Madrid, Spain
A.-L. Pasanen, H. Heinonen-Tanski, P. Kalliokoski and M. J. Jantunen	117 Fungal microcolonies on indoor surfaces—an explanation for the base-level fungal spore counts in indoor air
A.-L. Pasanen, M. Niininen, P. Kalliokoski, A. Nevalainen and M. J. Jantunen	121 Airborne <i>Cladosporium</i> and other fungi in damp versus reference residences
H. A. Foner and E. Ganor	125 The chemical and mineralogical composition of some urban atmospheric aerosols in Israel
V. K. Sharma and R. S. Patil	135 Size distribution of atmospheric aerosols and their source identification using factor analysis in Bombay, India
Erratum	141
Call for Papers	143

Number 2

International Conference on Acidic Deposition: Its Nature and Impacts

P. A. Baedecker, M. M. Reddy, K. J. Reimann and C. A. Sciammarella	147	Effects of acidic deposition on the erosion of carbonate stone—experimental results from the U.S. National Acid Precipitation Assessment Program (NAPAP)
H. Sweevers and R. Van Grieken	159	Analytical study of the deterioration of sandstone, marble and granite
A. H. Webb, R. J. Bawden, A. K. Busby and J. N. Hopkins	165	Studies on the effects of air pollution on limestone degradation in Great Britain
Ph. Delopoulou and D. Sikiotis	183	A comparison of the corrosive action on Pentelic marble of nitrates and sulphates with the action of nitrogen oxides and sulphur dioxide
R. N. Butlin, A. T. Coote, M. Devenish, I. S. C. Hughes, C. M. Hutchens, J. G. Irwin, G. O. Lloyd, S. W. Massey, A. H. Webb and T. J. S. Yates	189	Preliminary results from the analysis of stone tablets from the National Materials Exposure Programme (NMEP)
R. N. Butlin, A. T. Coote, M. Devenish, I. S. C. Hughes, C. M. Hutchens, J. G. Irwin, G. O. Lloyd, S. W. Massey, A. H. Webb and T. J. S. Yates	199	Preliminary results from the analysis of metal samples from the National Materials Exposure Programme (NMEP)
J. D. Meakin, D. L. Ames and D. A. Dolske	207	Degradation of monumental bronzes
F. W. Lipfert and M. L. Daum	217	The distribution of common construction materials at risk to acid deposition in the United States
S. Eggleston, M. P. Hackman, C. A. Heyes, J. G. Irwin, R. J. Timmis and M. L. Williams	227	Trends in urban air pollution in the United Kingdom during recent decades
D. Camuffo	241	Acid rain and deterioration of monuments: how old is the phenomenon?
<i>Short Communications</i>		
E. S. McGee and V. G. Mossotti	249	Gypsum accumulation on carbonate stone
G. Caneva, E. Gori and A. Danin	255	Incident rainfall in Rome and its relation to biodeterioration of buildings
Announcement	261	

Number 3

D. J. Moschandreas and S. M. Relwani	263	Perception of environmental tobacco smoke odors: an olfactory and visual response
J. Robinsohn, Y. Mahrer and E. Wakshal	271	The effects of mesoscale circulation on the dispersion of pollutants (SO_2) in the eastern Mediterranean, southern coastal plain of Israel
R. O. Pitts and T. J. Lyons	279	A coupled mesoscale/particle model applied to an urban area
C. K. Varshney and M. Aggarwal	291	Ozone pollution in the urban atmosphere of Delhi
Y. Hashimoto, Y. Sekine and T. Otoshi	295	Atmospheric aluminum from human activities
A. C. Comrie and B. Yarnal	301	Relationships between synoptic-scale atmospheric circulation and ozone concentrations in metropolitan Pittsburgh, Pennsylvania
A. Bitan	313	The high climatic quality city of the future
M. S. Naik	331	Dispersion of sulphur dioxide around the thermal power plant at Ahmedabad, India
S. B. Corchnoy, J. Arey and R. Atkinson	339	Hydrocarbon emissions from twelve urban shade trees of the Los Angeles, California, Air Basin
G. Huang	349	A stepwise cluster analysis method for predicting air quality in an urban environment
C. Samara, R. Tsitouridou and Ch. Balafoutis	359	Chemical composition of rain in Thessaloniki, Greece, in relation to meteorological conditions
J. E. Borrazzo, C. I. Davidson and M. J. Small	369	Stochastic simulation of diurnal variations of CO, NO and NO_2 concentrations in occupied residences
P. E. Benson	379	A review of the development and application of the CALINE3 and 4 models
E. Jauregui, L. Godinez and F. Cruz	391	Aspects of heat-island development in Guadalajara, Mexico
B. Givoni	397	Climatic aspects of urban design in tropical regions
Y. Goldreich	407	Urban climate studies in Johannesburg, a sub-tropical city located on a ridge—a review
<i>Short Communication</i>		
S. A. Raoof and M. Al-Sahhaf	421	Study of particulate pollutants in the air of Riyadh by energy dispersive X-ray fluorescence spectrometry

Number 4

- L. J. Hunter, G. T. Johnson and I. D. Watson 425 An investigation of three-dimensional characteristics of flow regimes within the urban canyon
- T. R. Oke, G. Zeuner and E. Jauregui 433 The surface energy balance in Mexico City
- E. C. Nickerson, G. Sosa, H. Hochstein, P. McCaslin, W. Luke and A. Schanot 445 Project AGUILA: *in situ* measurements of Mexico City air pollution by a research aircraft
- J. M. Ondov, W. R. Kelly, J. Z. Holland, Z. C. Lin and S. A. Wight 453 Tracing fly ash emitted from a coal-fired power plant with enriched rare-earth isotopes: an urban scale test
- N. A. Kelly 463 A captive-air irradiation study of the response of nitric acid and peroxyacetyl nitrate to ozone control strategies in Los Angeles
- S. H. Ehrman, S. E. Pratsinis and J. R. Young 473 Receptor modeling of the fine aerosol at a residential Los Angeles site
- V. N. Smirnioudi and P. A. Siskos 483 Chemical composition of wet and dust deposition in Athens, Greece
- Kuang-Jung Hsu 491 Time series analysis of the interdependence among air pollutants
- J. Karue, A. M. Kinyua and A. H. S. El-Busaidy 505 Measured components in total suspended particulate matter in a Kenyan urban area
- Discussion*
- G. A. Briggs, A. H. Huber, W. H. Snyder, R. S. Thompson and J. V. Ramsdell 513 Diffusion in building wakes for ground-level releases
- I Volume Contents and Author Index to Volume 26B, 1992

